**Amendments of the Specification:**

Please amend the specification as follows:

Please replace the paragraph on page 8, lines 4-13 with the following rewritten paragraph:

First coil 14a, second coils 14b and 14c for induction heating are received in the internal space of the heat roller 12 in a state of closely contacting therewith. These coils 14a to 14c are wounded and held around a core 15, and generate a high-frequency magnetic field for induction heating. The high-frequency magnetic field is generated, and thereby, an eddy current is generated in the heat roller 12. The heat roller 12 self-heats using the joule heat by the eddy current.

Please replace the paragraph beginning on page 13, line 20 through page 14, line 4 with the following rewritten paragraph:

(3) When receiving instructions to fix the normal size (A4 size) paper sheet P from the print controller 40, the CPU 82 carries out ~~carries out~~ the following control with respect to the variable frequency oscillator 81. The variable frequency oscillator 81 alternately outputs the drive signals of the frequencies f1 and F2 so that induction heating by the coil 14a and the coils 14b; 14c can be alternately carried out. The CPU 82 makes the on-off control of the output operation so that each detection temperature of the temperature sensors 51 to 53 is set to a constant value.

Please replace the paragraph beginning on page 23, line 19 through page 24, line 3 with the following rewritten paragraph:

(2) When receiving instructions to fix the normal size (A4 size) paper sheet P from the print controller 40, the CPU 82 carries out ~~carries out~~ the following control with respect to the variable frequency oscillator 81. The variable frequency oscillator 81 alternately outputs the drive signals of the frequencies f1 and F2 so that induction heating by the coil 14a and coils 14b; 14c can be alternately carried out. The CPU 82 makes the on-off control of the

output operation so that each detection temperature of the temperature sensors 51 to 53 is set to a constant value.